



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Standard Textbooks

Rietz and Crathorne's College Algebra

By H. L. RIETZ, University of Iowa, and A. R. CRATHORNE, University of Illinois. (*American Mathematical Series.*) xiii+261 pp. 8vo. \$1.60.

Supplementary Exercises and Problems. 45 pp. 8vo. Paper, 15 cents.

A tried and proven textbook for college beginners. Its remarkable success has been doubtless due to the qualities marked by one user, "compactness, vigor, and adaptability to freshman work."

Rietz, Crathorne & Taylor's School Algebra

SECOND COURSE

By H. L. RIETZ, Head of Department of Mathematics in the University of Iowa, A. R. CRATHORNE, Associate in the University of Illinois, and E. H. TAYLOR, Professor in the Eastern Illinois State Normal School. (*American Mathematical Series.*) x+235 pp. 12mo. 96 cents.

This is admirably adapted for use with any students who have had a year of algebra. After trial last year in the University of Minnesota it has just been re-ordered there under the new war conditions. Professor R. M. Barton writes, "I am teaching a section in which this text is used, and am much pleased with it. My students seem to like it, and it is a pleasurable book from my point of view."

Bôcher and Gaylord's Trigonometry

By MAXIME BÔCHER, late Professor in Harvard University, and H. D. GAYLORD, Master in Browne and Nichols School, Cambridge. ix+142 pp. 12mo. \$1.12.

Brevity has been secured without sacrifice of clearness, first by omitting unessential subjects, and secondly by avoiding long-winded explanations of simple matters. The book contains an explanation of the use of logarithmic and other tables, and of so much of theory of logarithms as is necessary for this purpose. A chapter on the right spherical triangle has been added.

HENRY HOLT AND COMPANY

19 West 44th Street
NEW YORK

6 Park Street
BOSTON

2451 Prairie Ave
CHICAGO

The American Mathematical Monthly

OFFICIAL ORGAN OF

The Mathematical Association of America

Is the Only Journal of Collegiate Grade in

The Mathematical Field in this Country

This means that its mathematical contributions can be read and understood by those who have not specialized in mathematics beyond the Calculus.

The Historical Papers, which are numerous and of high grade, are based upon original research.

The Questions and Discussions, which are timely and interesting, cover a wide variety of topics.

The Book Reviews embrace the entire field of collegiate and secondary mathematics.

The Curriculum Content in the collegiate field is carefully considered. Good papers in this line have appeared and are now in type awaiting their turn.

The Notes and News cover a wide range of interest and information both in this country and in foreign countries.

The Problems and Solutions hold the attention and activity of a large number of persons who are lovers of mathematics for its own sake.

There are other journals suited to the Secondary field, and there are still others of technical scientific character in the University field: but the MONTHLY is the only journal of Collegiate grade in America suited to the needs of the non-specialist in mathematics.

THE MATHEMATICAL ASSOCIATION OF AMERICA now has over eleven hundred individual members and over seventy-five institutional members. There are already nine sections formed, representing twelve different states. The Association has held so far two national meetings per year, one in September and one in December. The sections, for the most part, hold two meetings each year. All meetings, both national and sectional, are reported in the Official Journal, and many of the papers presented at these meetings are published in full.

The slogan of the Association is to include in its membership every teacher of collegiate mathematics in America and to make such membership worth while. Application blanks for membership may be obtained from the Secretary at Oberlin, Ohio.

THE NEW ERA PRINTING COMPANY

LANCASTER, PA.

Is prepared to execute in first-class and satisfactory manner all kinds of printing and electrotyping. Particular attention given to the work of Schools, Colleges, Universities, and Public Institutions.

Books, Periodicals

Technical and Scientific Publications

Monographs, Theses, Catalogues

Announcements, Reports, etc.

All Kinds of Commercial Work

(Printers of the Bulletin and Transactions of the American Mathematical Society, etc., etc.)

Publishers will find our product ranking with the best in workmanship and material, at satisfactory prices. Our imprint may be found on a number of high-class Technical and Scientific Books and Periodicals. Correspondence solicited. Estimates furnished.

THE NEW ERA PRINTING COMPANY

WILEY PUBLICATIONS

A NEW TEXT

Analytic Geometry

By MARIA M. ROBERTS, Professor of Mathematics in Iowa State College, and JULIA T. COLPITTS, Associate Professor of Mathematics in Iowa State College.

Written as the result of several years of experience in teaching mathematics to students of engineering and science. The exercises are numerous and varied in character, enabling the teacher to select those which best emphasize the points which he considers important.

x+245 pages. Profusely illustrated. Cloth, \$1.60 net

A NEW EDITION

Descriptive Geometry. Fourth Edition

By H. W. MILLER, M.E. Revised in 1917 by the Department of General Engineering Drawing: H. W. Miller, M.E., R. K. Steward, C.E., C. A. Atwell, B.S., F. M. Porter, M.S., R. Crane, S.B., H. H. Jordan, B.S., M. F. Banks, B.S., in the University of Illinois.

The scheme of presentation of this book is (1) Statement of the given data. (2) Discussion of the principles involved. (3) Analysis of the solution of the general problem. (4) Construction of some general case. In this new edition errors have been corrected and minor changes introduced throughout the text.

iv+176 pages. 5 by 7 $\frac{1}{4}$. Fully illustrated. Cloth, \$1.50 net

OTHER TEXTS

Analytic Geometry

By H. B. PHILLIPS, Ph.D., Assistant Professor of Mathematics in the Massachusetts Institute of Technology.

Supplies a course that will equip the student for work in calculus and engineering. The exercises are numerous and varied.

vii+197 pages. 5 by 7 $\frac{1}{4}$. 75 figures. Cloth, \$1.50 net

The Essentials of Descriptive Geometry

Second Edition, Revised

By F. G. HIGBEE, M.E., Professor and Head of Department of Descriptive Geometry and Drawing, The State University of Iowa.

Some portions of this book have been entirely rewritten, and, at the request of a number of teachers, a chapter on tangencies has been added.

vi+218 pages. 6 by 9. Profusely illustrated. Cloth, \$1.80 net

Our new General Catalogue is now ready. Copies will be sent upon application

JOHN WILEY & SONS, Inc.

432 Fourth Avenue

NEW YORK

London: CHAPMAN & HALL, Ltd.

MONTREAL, CAN.:
Renouf Publishing Co.

AMM 11-18

MANILA, P. I.:
Philippine Education Co.